Student names: ________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

<table>
<thead>
<tr>
<th>Scoring</th>
<th>5 points</th>
<th>3 points</th>
<th>0 points</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Team Name:</strong></td>
<td>Is provided and relevant to task <em>(Example: Bellow Beginnings)</em></td>
<td>Is provided</td>
<td>Is missing</td>
</tr>
<tr>
<td><strong>Problem and Purpose</strong></td>
<td>Students explain why this prototype is necessary and how it will benefit society</td>
<td>Students explain why this prototype is necessary</td>
<td>Is missing</td>
</tr>
<tr>
<td><strong>RFID Components</strong></td>
<td>Antenna and tag are included in the prototype; functions of each are accurately described; students describe the role of the reader; students describe how radio waves enter and exit the device</td>
<td>Antenna and tag are included in the prototype; students describe the role of the reader; students describe how radio waves enter and exit the device</td>
<td>Antenna and/or tag are missing from the prototype; functions of components not described</td>
</tr>
<tr>
<td><strong>Pressure</strong></td>
<td>Prototype includes a bellow, which is the most appropriate pressure gauge for an intraocular pressure sensor, and a resonator; includes a description as to how antenna will receive signals about pressure; description mentions the role of the resonator</td>
<td>Prototype includes a pressure gauge and a resonator; includes description as to how antenna receive signals about pressure</td>
<td>Prototype is missing pressure gauge and/or resonator</td>
</tr>
</tbody>
</table>
**Constraints**

As designed, the prototype fits in an eye; was printed within the given printing dimensions/volume, and meets all of design requirements developed in the activity

As designed, the prototype meets two of the following:
1. fits in an eye
2. printed within given printing dimensions
3. meets all design requirements

As designed, the prototype meets one or none of the following:
1. fits in an eye
2. printed within given printing dimensions
3. meets all design requirements

**Scale**

Is accurate | NA | Is missing or inaccurate

**Due Date**

Was prepared to present on assigned date | Was one day late in presenting work | Was more than one day late in presenting work

Total Points Earned: _______ (max 30 points)

Additional comments: